



FACE BOOK PAGE ASSIGNMENT

In groups of four, you will create a mock Facebook Poster describing a parent function that we will study in this course. The poster must contain each of the following components:

Domain

Range

A sketch on a Cartesian Plane with labelled axis with identified “relative points” (i.e. zeroes, y-intercepts)

Interval(s) of Increase (beware of brackets being curved or square (i.e. $[0, \infty)$ vs $(0, \infty)$)

Interval(s) of Decrease

Zeroes

Existence of Asymptotes

Continuity Statement

Symmetry Test

End Behaviour Statements

Similarities and Differences with respect to other Parent Functions (this will require you to communicate and collaborate with other groups ... i.e. ... my function is like $f(x)=x$ because it has the same domain but different because they have opposite ...)

Expectation	Level R	Level 1	Level 2	Level 3	Level 4
Comparing the characteristics of functions	Students failed to demonstrate an adequate understanding of the characteristics of their parent function.	Students struggle to demonstrate an understanding of the characteristics of their parent function and have compared it with only one or two parent functions.	Students demonstrate a fair level of understanding of the characteristics of their parent function with some errors and have compared it with some other parent functions.	Students demonstrate a high level of understanding of the characteristics of their parent function with minor errors and have compared it with most other parent functions.	Students demonstrate a thorough understanding of the characteristics of their parent function and have compared it at least once with every other parent function.